

ELECTRICAL PERMIT APPLICATION

CITY OF RENTON
Development Services Division
1055 South Grady Way, Renton WA 98057
Phone: (425) 430-7200
www.rentonwa.gov

**ALL REQUESTED ITEMS MUST BE PROVIDED
IN ORDER TO PROCESS THIS APPLICATION**

1. Property Address: _____
2. Building Permit # (Required): _____
3. Boeing Job # (if applicable): _____
4. Value* of Work to be Performed: _____
5. Type of Work to be Performed: _____

6. Permit Cost (see schedule below):

<u>Residential single-family and duplex (new service):</u>		<u>Temporary Services:</u>	\$45.00
Up to 200 AMP service	\$70.00		
Over 200 AMP service	\$80.00		
<u>Residential Service Changes:</u>		<u>Other:</u>	
Change up to 200 AMP	\$45.00	Pools & Hot Tubs	\$60.00
Change over 200 AMP	\$60.00	Signs	\$45.00
Any new circuits added to above	\$15.00 each	Mobile Homes	\$45.00
	(to a maximum of \$45.00)	Job Trailers	\$45.00
<u>Minimum fee for remodel/addition of new circuits without a service change</u>		<u>Reinspection Fee</u>	\$60.00
	\$45.00		

Multi-Family, Commercial and Industrial (based on value of work):

\$ 1.00 - \$ 250.00	- \$ 45.00		Low Voltage less than 50 volts shall be 50% of standard fee
\$ 250.01 - \$ 1,000.00	- \$ 45.00	+ 3.3% of value*	
\$ 1,000.01 - \$ 5,000.00	- \$ 78.00	+ 2.9% of value*	
\$ 5,000.01 - \$ 50,000.00	- \$ 223.00	+ 1.7% of value*	
\$ 50,000.01 - \$ 250,000.00	- \$ 1,073.00	+ 1.0% of value*	Plan Review Fee – when required shall be 40% of standard fee.
\$ 250,000.01 - \$1,000,000.00	- \$ 3,573.00	+ 0.8% of value*	
\$ 1,000,000.01 and up	- \$ 11,573.00	+ 0.4% of value*	

7. Property Owner: _____ Phone: _____
 Street Address: _____ City/State: _____ Zip: _____
8. Tenant Name (if applicable): _____ Suite/Room #: _____
9. Contractor: _____ Phone: _____
 Street Address: _____ City/State: _____ Zip: _____
10. State of Washington Contractor's License # (Required): _____
11. Contractor's City of Renton Business License # (Required): _____

Non-metallic sheathed cable shall be allowed only in residential occupancies up to three stories above grade. All new service shall be underground except for existing residential dwellings. Underground service will be required on any dwelling moved to a new location. This application does not constitute a permit to work. Work is not to commence until electrical permit is posted on premises where work is to be performed. Certification is hereby rendered that no work is to be done except as described, and that all work shall conform to the applicable codes. Work in public rights-of-way and/or utility easements is not authorized under this application.

Applicant Signature: _____ **Date:** _____

GROUNDING ELECTRODE SYSTEM

Concrete-Encased Electrode: An electrode encased by at least two (2) inches (20.8 mm) of concrete, located within and near the bottom of a concrete footing that is in direct contact with the earth, consisting of at least 20 feet (6.1 m) of bare copper, sized in accordance with Table 250-66, 1999 NEC, shall be installed in all new residential and commercial construction.

CONCRETE ENCASED ELECTRODES SHALL BE INSTALLED IN ALL NEW RESIDENTIAL AND COMMERCIAL CONSTRUCTION INSTALLATIONS.

Alternative Approved Method:

An electrode consisting of 20 ft (6.1m) long, #4 rebar (not less than ½ inch in diameter meeting the requirements of NEC 250.52)) encased by at least 2 inches (20.8 mm) of concrete, located within and near the bottom of a concrete footing that is in direct contact with the earth. Sections of reinforcing bar are permitted to be tied together to make up the 20 foot length. Electrode splices shall overlap a minimum of 3 feet and be tied together at a minimum of 6 inches on center.

The electrode shall be stubbed up vertically a minimum of 1 foot above the top of the foundation wall adjacent to the service location. Service stubs shall be identified with orange fluorescent paint. Connection from the vertical section of the electrode to the service ground shall be made with a direct burial clamp to a minimum of a #4 copper conductor and made accessible.

The grounding electrode system inspection will be conducted with the footing inspection prior to placement of concrete.